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TI Reevaluation of response patterns of nonresponder mice to GLPhe polymers  
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AB All strains of mice of H-2k haplotypes produced immune responses to the synthetic polymer poly(glutamic acid<sub>56</sub>, lysine<sub>35</sub>, phenylalanine<sub>9</sub>) (GLPhe9). Recombinant strains of mice with k alleles in I-A and I-E, b alleles in I-A and k alleles in I-E, k alleles in I-A and b alleles in I-E, and s alleles in I-A and k alleles in I-E responded well to GLPhe9. Mice of haplotypes d, k, q, and (bxk)F1 responded to 4 differently made preps. of GLPhe. Mice of b and s haplotypes were nonresponders. Addnl. f haplotype mice were previously thought to be nonresponders to GLPhe9. However, mice having f alleles in I-A responded well to GLPhe9. The ability of the GLPhe polymers to stimulate the T-cells from the various mouse haplotypes is discussed.